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Erratum: Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $\sqrt{s} = 8$ TeV



The CMS collaboration

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In the original paper, the wrong plot was used in figure 4. The corrected figure is given below.

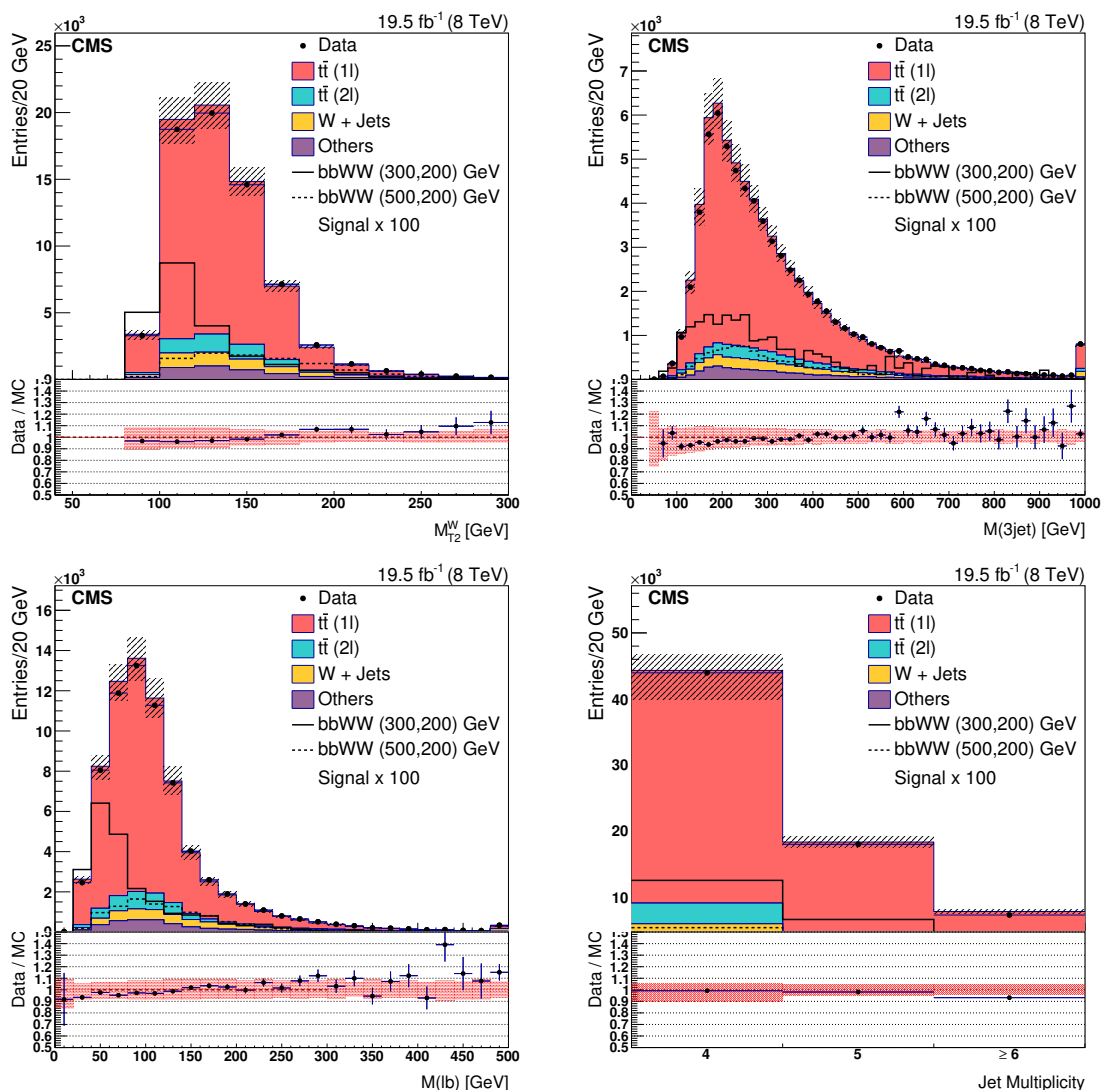


Figure 4. Distributions of different variables in both data and simulation, for both e and μ final states at the preselection level without the M_T requirement. From left to right: M_{T2}^W , $M(3jet)$, $M(lb)$ and $N(jets)$. The hatched region represents the quadratic sum of statistical and JES simulation uncertainties. The lower panel shows the ratio of data to total simulation background, with the red band representing the uncertainties mentioned in the text. Two signal mass points of the $bbWW$ decay mode ($x = 0.75$) are represented by open histograms, dashed and solid, with their cross sections scaled by 100; the two mass points ($m(\tilde{t}_1), m(\tilde{\chi}_1^0)$) are (300, 200) and (500, 200) GeV.

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